

ANRITSU

ML2437A

The Anritsu ML2437A (ML2400A Series) is a single-input bench/field power meter that combines thermal-sensor accuracy, diode-sensor speed, and peak-power display graphics. It supports MA/MP-series power sensors (100 kHz to 65 GHz, sensor dependent), offers >35 kS/s sampling and up to 90 dB dynamic range with a single sensor, and is offered in a ruggedized housing with an optional high-capacity NiMH battery for field use.

SPECIFICATIONS

Product Identification

Manufacturer	Anritsu
Model	ML2437A
Series	ML2430A Series
Related model (two-input)	ML2438A — two-input variant of the ML2437A

Overview & Key Features

Primary measurement types	Average (CW) power
Supported sensor families	MA2400A/B series MA sensors
Number of measurement channels / inputs (model)	1 (ML2437A). Note: ML2438A is the two-input variant.

Dynamic Characteristics & Bandwidth

Sampling / measurement update rate	More than 35,000 samples per second
Detector / measurement approach	Supports thermal and diode sensors

Sensor & Channel Details

Meter specification applicability	Meter specifications apply to MA2400A/B Series power sensors
Compatible sensor models / series (listed)	MA2420A/B, MA2440A, MA2460A/B, MA2470A, MA2480A (MA-series) sensors

Measurement Functions & Analysis

Measurement functions	Average (CW) power measurement
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Performance vs Configuration & Notes

Measurement performance dependency	Performance (frequency, dynamic range, accuracy) is sensor-model dependent
Notes on high-power measurement	For power levels above sensor ratings use external couplers/attenuators

APPLICATIONS

Field service and laboratory RF/microwave power and peak-power measurements (sensor-dependent)

